

**REMARKS/ARGUMENTS**

Claims 2-18 and 20-31 are pending in this application. By this Amendment, claims 11, 18, 22 and 26 are amended, claims 29-31 are added, and claim 5 is canceled without prejudice or disclaimer. Support for the claims can be found throughout the specification, including the original claims and the drawings. Withdrawal of the rejections in view of the above amendments and the following remarks is respectfully requested.

**I. Rejection Under 35 U.S.C. §103(a)**

The Office Action rejects claims 1-15 under 35 U.S.C. §103(a) under U.S. Patent No. 5,978,046 to Shintani (hereinafter "Shintani") in view of U.S. Patent No. 6,256,027 to Jeong (hereinafter "Jeong"). Claim 1 was cancelled in the Amendment filed on May 13, 2008. It appears, based on the remarks in the Office Action, that it was actually the Examiner's intention to reject claims 2-18 and 20-28 under 35 U.S.C. §103(a) over Shintani in view of Jeong. The rejection is respectfully traversed.

Independent claim 11 is directed to a method of adjusting a sub picture using an OSD for a video display unit. Independent claim 11 recites determining whether a sub-picture adjustment mode is selected by a user, and superimposing a sub-picture OSD adjustment menu on a main picture region in response to a first selection within the sub-picture adjustment mode, or a sub-picture region in response to a second selection within the sub-picture adjustment mode. Independent claim 11 then recites displaying an adjustment display section in the sub-picture OSD adjustment menu if one of a plurality of sub-picture functions subject to adjustment through the sub-picture OSD adjustment menu is selected by the user, detecting a user

manipulation of a vertical adjustment button or a horizontal adjustment button of a key input unit, and varying a level of the selected sub-picture function displayed in the adjustment display section in response to the detected user manipulation, and adjusting an appearance of a sub-picture displayed in the sub-picture region based on the variation of the selected sub-picture function as the user manipulates the key input. Independent claim 22 recites similar features in varying scope.

Independent claim 18 is directed to a video display appliance. Independent claim 18 recites a processor that generates a display signal which is output to a display screen, wherein the display signal causes the display screen to show a main picture and a sub-picture that is superimposed on the main picture, and a key input unit coupled to the processor, wherein a user can manipulate buttons on the key input unit to instruct the processor to take certain actions. Independent claim 18 also recites an on-screen display (OSD) generator, coupled to the processor, which causes the processor to generate an OSD menu that is superimposed on the main picture based on a first input received from the key input unit, or on the sub-picture based on a second input received from the key input unit, wherein the user can manipulate the buttons on the key input unit to select options on the OSD menu, which is used to change characteristics of the sub-picture, wherein the OSD generator displays an amount of change in a selected characteristic of the sub-picture as the user manipulates the key input unit. Independent claim 26 recites similar features in varying scope.

Shintani neither discloses nor suggests the features of independent claims 11, 18, 22 and 26, or the respective claimed combinations of features. Further, Jeong fails to overcome the deficiencies of Shintani.

Shintani discloses a television with a picture-in-picture (PIP) capability. The television displays one or more sub-screens 37 and one or more corresponding captions 35 on a main screen 36 controlled by a remote control 24. Shintani neither discloses nor suggests that any of the characteristics of the sub-screens 37 may be altered, let alone that such characteristics of the sub-screens 37 may be altered independently from those of the main screen 36, using the remote control 24. Further, Shintani neither discloses nor suggests displaying any type of adjustment menu, either on the main screen 36, on any of the sub-screens 36, or on any of the captions 35, to alter any such characteristics. Thus, Shintani neither discloses nor suggests the above-discussed features of independent claims 11, 18, 22 and 26. Further, Jeong fails to overcome the deficiencies of Shintani.

Jeong discloses an OSD implementing device including a key input section 11, a control section 12, an OSD generating section 13, and a video input section 16. Figures 3A-3E of Jeong illustrate how an OSD menu for volume control is generated and displayed by these elements of Jeong's system. Jeong's disclosure is focused only on the generation and display of an OSD menu. Jeong makes no disclosure whatsoever as to the application of such an OSD menu to the adjustment of a sub-picture and/or any of its characteristics, nor that any such OSD menu could or should be displayed on a sub-picture that is superimposed on a main picture, as recited in

independent claims 11, 18, 22 and 26. Thus, Jeong fails to overcome the above described deficiencies of Shintani set forth above with respect to independent claims 11, 18, 22 and 26.

Accordingly, it is respectfully submitted that independent claims 11, 18, 22 and 26 are allowable over applied combination, and thus the rejection of independent claims 11, 18, 22 and 26 under 35 U.S.C. §103(a) over Shintani and Jeong should be withdrawn. Dependent claims 2-4, 6-10, 12-17, 20, 21, 23-25, 27 and 28 are allowable at least for the reasons set forth above with respect to independent claims 11, 18, 22 and 26, from which they respectively depend, as well as for their added features.

## **II. New Claims 29-31**

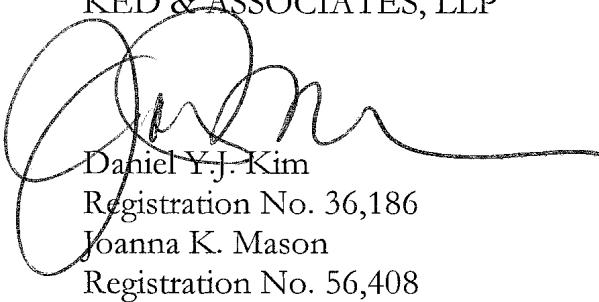
New claims 29-31 are added to the application. It is respectfully submitted that new claims 29-31 meet the requirements of 35 U.S.C. §112, and are allowable over the applied prior art at least for the reasons set forth above with respect to independent claims 11, 18 and 26, from which they respectively depend, as well as for their added features.

## **III. Conclusion**

In view of the foregoing amendments and remarks, it is respectfully submitted that the application is in condition for allowance. If the Examiner believes that any additional changes would place the application in better condition for allowance, the Examiner is invited to contact the undersigned, Joanna K. Mason, at the telephone number listed below.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this, concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

Respectfully submitted,  
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**Date: October 29, 2008**

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